

Caiyun Wang

List of Publications by Year in descending order

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133
papers

8,522
citations

30070

54
h-index

48315

88
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136
all docs

136
docs citations

136
times ranked

11889
citing authors

#	ARTICLE	IF	CITATIONS
1	Phase transformation induced benzene rings activation in a metal-organic framework to boost sodium storage performance. <i>Chemical Engineering Journal</i> , 2022, 433, 133508.	12.7	2
2	Bioinspired Catechol-Grafting PEDOT Cathode for an All-Polymer Aqueous Proton Battery with High Voltage and Outstanding Rate Capacity. <i>Advanced Science</i> , 2022, 9, e2103896.	11.2	32
3	Efficient Metal-Oriented Electrodeposition of a Co-Based Metal-Organic Framework with Superior Capacitive Performance. <i>ChemSusChem</i> , 2022, 15, .	6.8	15
4	A cobalt-based metal-organic framework electrodeposited on nickel foam as a binder-free electrode for high-performance supercapacitors. <i>New Journal of Chemistry</i> , 2022, 46, 12565-12571.	2.8	7
5	A Battery Method to Enhance the Degradation of Iron Stent and Regulating the Effect on Living Cells. <i>Small Methods</i> , 2022, 6, .	8.6	3
6	Bifunctional air electrodes for flexible rechargeable Zn-air batteries. <i>Chinese Chemical Letters</i> , 2021, 32, 999-1009.	9.0	23
7	Cost-effective mechanochemical synthesis of highly dispersed supported transition metal catalysts for hydrogen storage. <i>Nano Energy</i> , 2021, 80, 105535.	16.0	85
8	Research progress on catalytic pyrolysis and reuse of waste plastics and petroleum sludge. <i>ES Materials & Manufacturing</i> , 2021, , .	1.9	27
9	One-Pot Hydrothermal Synthesis of Solution-Processable MoS ₂ /PEDOT:PSS Composites for High-Performance Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 7285-7296.	8.0	41
10	The 2021 battery technology roadmap. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 183001.	2.8	158
11	Hydrogen Generation and Degradation of Organic Dyes by New Piezocatalytic 0.7BiFeO ₃ â€“0.3BaTiO ₃ Nanoparticles with Proper Band Alignment. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 11050-11057.	8.0	48
12	Abuse-Tolerant Electrolytes for Lithium-Ion Batteries. <i>Advanced Science</i> , 2021, 8, e2003694.	11.2	16
13	Synthesis of Au/UiO-66-NH ₂ /Graphene composites as efficient visible-light photocatalysts to convert CO ₂ . <i>International Journal of Hydrogen Energy</i> , 2021, 46, 11621-11635.	7.1	29
14	A cytocompatible conductive polydopamine towards electrochromic energy storage device. <i>Electrochimica Acta</i> , 2021, 374, 137961.	5.2	22
15	Polyisocyanate bridged environmental graphene/epoxy nanocomposite coatings with excellent anticorrosion performance. <i>Progress in Organic Coatings</i> , 2021, 153, 106167.	3.9	10
16	Strategic Structure Tuning of Yolk-Shell Microcages for Efficient Nitrogen Fixation. <i>ChemSusChem</i> , 2021, 14, 2521-2528.	6.8	4
17	Atomic nickel cluster decorated defect-rich copper for enhanced C ₂ product selectivity in electrocatalytic CO ₂ reduction. <i>Applied Catalysis B: Environmental</i> , 2021, 291, 120030.	20.2	66
18	A versatile transition metal ion-binding motif derived from covalent organic framework for efficient CO ₂ electroreduction. <i>Applied Catalysis B: Environmental</i> , 2021, 291, 119915.	20.2	12

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19	Poly (triphenylamine)-decorated UiO-66-NH ₂ mesoporous architectures with enhanced photocatalytic activity for CO ₂ reduction and H ₂ evolution. <i>Journal of CO₂ Utilization</i> , 2021, 51, 101654.	6.8	10
20	The length dependent selectivity on aligned Cu nanowires for C ₁ products from CO ₂ Electroreduction. <i>Electrochimica Acta</i> , 2021, 394, 139099.	5.2	3
21	Porous bowl-shaped VS ₂ nanosheets/graphene composite for high-rate lithium-ion storage. <i>Journal of Energy Chemistry</i> , 2020, 43, 24-32.	12.9	148
22	Layer-structured niobium oxides and their analogues for advanced hybrid capacitors. <i>Chemical Engineering Journal</i> , 2020, 391, 123489.	12.7	51
23	Fabrication of heterostructured UiO-66-NH ₂ /CNTs with enhanced activity and selectivity over photocatalytic CO ₂ reduction. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 30634-30646.	7.1	30
24	A Self-Assembled CO ₂ Reduction Electrocatalyst: Posy-Bouquet-Shaped Gold-Polyaniline Core-Shell Nanocomposite. <i>ChemSusChem</i> , 2020, 13, 5023-5030.	6.8	10
25	Recyclable and Reprocessable Crosslinked Rubber Enabled by Constructing Ionic Crosslinked Networks. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 12999-13006.	6.7	10
26	Highly Sensitive Strain Sensor Based on a Stretchable and Conductive Poly(vinyl alcohol)/Phytic Acid/NH ₂ -POSS Hydrogel with a 3D Microporous Structure. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 26496-26508.	8.0	95
27	Electrolytes with reversible switch between liquid and solid phases. <i>Current Opinion in Electrochemistry</i> , 2020, 21, 297-302.	4.8	8
28	Conducting polymer composites for unconventional solid-state supercapacitors. <i>Journal of Materials Chemistry A</i> , 2020, 8, 4677-4699.	10.3	111
29	Energy materials for transient power sources. <i>MRS Bulletin</i> , 2020, 45, 121-128.	3.5	7
30	Stretchability enhancement of buckled polypyrrole electrodes for stretchable supercapacitors via engineering substrate surface roughness. <i>Electrochimica Acta</i> , 2020, 343, 136099.	5.2	17
31	MXene/RGO composite aerogels with light and high-strength for supercapacitor electrode materials. <i>Composites Communications</i> , 2020, 19, 108-113.	6.3	84
32	Hierarchical architectures of mesoporous Pd on highly ordered TiO ₂ nanotube arrays for electrochemical CO ₂ reduction. <i>Journal of Materials Chemistry A</i> , 2020, 8, 8041-8048.	10.3	15
33	Recent Advances in Co ₃ O ₄ as Anode Materials for High-Performance Lithium-Ion Batteries. <i>Engineered Science</i> , 2020, , .	2.3	62
34	Tunable Conducting Polymers: Toward Sustainable and Versatile Batteries. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 14321-14340.	6.7	94
35	Sodium-Ion Batteries: In Situ Fabrication of Branched TiO ₂ /C Nanofibers as Binder-Free and Free-Standing Anodes for High-Performance Sodium-Ion Batteries (Small 30/2019). <i>Small</i> , 2019, 15, 1970158.	10.0	1
36	Fabrication of hierarchically one-dimensional ZnxCd1-xS/NiTiO ₃ nanostructures and their enhanced photocatalytic water splitting activity. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 30974-30985.	7.1	23

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37	Zn-Doped Cu(100) facet with efficient catalytic ability for the CO ₂ electroreduction to ethylene. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 21341-21348.	2.8	25
38	In Situ Fabrication of Branched TiO ₂ /C Nanofibers as Binder-Free and Free-Standing Anodes for High-Performance Sodium-Ion Batteries. <i>Small</i> , 2019, 15, 1901584.	10.0	39
39	Binder-Free Electrodes Derived from Interlayer-Expanded MoS ₂ Nanosheets on Carbon Cloth with a 3D Porous Structure for Lithium Storage. <i>ChemElectroChem</i> , 2019, 6, 2338-2343.	3.4	22
40	Engineering the poly(vinyl alcohol)-polyaniline colloids for high-performance waterborne alkyd anticorrosion coating. <i>Applied Surface Science</i> , 2019, 481, 960-971.	6.1	27
41	Flexible quasi-solid-state dual-ion asymmetric supercapacitor based on Ni(OH) ₂ and Nb ₂ O ₅ nanosheet arrays. <i>Green Energy and Environment</i> , 2019, 4, 382-390.	8.7	27
42	High-Performance Graphene-Fiber-Based Neural Recording Microelectrodes. <i>Advanced Materials</i> , 2019, 31, e1805867.	21.0	122
43	Scalable Solution Processing MoS ₂ Powders with Liquid Crystalline Graphene Oxide for Flexible Freestanding Films with High Areal Lithium Storage Capacity. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 46746-46755.	8.0	14
44	Polyaniline Electrochemically Deposited on Tailored Metal Mesh for Dynamically Stretchable Supercapacitors. <i>Journal of the Electrochemical Society</i> , 2019, 166, A3932-A3939.	2.9	13
45	Electrochemical CO ₂ reduction over nitrogen-doped SnO ₂ crystal surfaces. <i>Journal of Energy Chemistry</i> , 2019, 33, 22-30.	12.9	38
46	Molybdenum and tungsten chalcogenides for lithium/sodium-ion batteries: Beyond MoS ₂ . <i>Journal of Energy Chemistry</i> , 2019, 33, 100-124.	12.9	174
47	Functionalizing graphene with titanate coupling agents as reinforcement for one-component waterborne poly(urethane-acrylate) anticorrosion coatings. <i>Chemical Engineering Journal</i> , 2019, 359, 331-343.	12.7	82
48	Electrospun CoSe@N-doped carbon nanofibers with highly capacitive Li storage. <i>Journal of Energy Chemistry</i> , 2019, 33, 160-166.	12.9	138
49	Biomedical Applications of Organic Conducting Polymers. , 2019, , 783-812.		1
50	<i>In situ</i> construction of yolk-shell zinc cobaltite with uniform carbon doping for high performance asymmetric supercapacitors. <i>Journal of Materials Chemistry A</i> , 2018, 6, 9109-9115.	10.3	53
51	Oxygen-deficient anatase TiO ₂ @C nanospindles with pseudocapacitive contribution for enhancing lithium storage. <i>Journal of Materials Chemistry A</i> , 2018, 6, 4013-4022.	10.3	206
52	An Electrosynthesized 3D Porous Molybdenum Sulfide/Graphene Film with Enhanced Electrochemical Performance for Lithium Storage. <i>Small</i> , 2018, 14, 1703096.	10.0	25
53	Magnetorheological technology for fabricating tunable solid electrolyte with enhanced conductivity and mechanical property. <i>Smart Materials and Structures</i> , 2018, 27, 035022.	3.5	5
54	Tunable and Efficient Tin Modified Nitrogen-Doped Carbon Nanofibers for Electrochemical Reduction of Aqueous Carbon Dioxide. <i>Advanced Energy Materials</i> , 2018, 8, 1702524.	19.5	232

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55	Towards thermally stable high performance lithium-ion batteries: the combination of a phosphonium cation ionic liquid and a 3D porous molybdenum disulfide/graphene electrode. <i>Chemical Communications</i> , 2018, 54, 5338-5341.	4.1	10
56	Superelastic Hybrid CNT/Graphene Fibers for Wearable Energy Storage. <i>Advanced Energy Materials</i> , 2018, 8, 1702047.	19.5	165
57	Recent progress in 2D materials for flexible supercapacitors. <i>Journal of Energy Chemistry</i> , 2018, 27, 57-72.	12.9	179
58	Controlling the morphology, size and phase of Nb ₂ O ₅ crystals for high electrochemical performance. <i>Chinese Chemical Letters</i> , 2018, 29, 1785-1790.	9.0	56
59	Silicon as a ubiquitous contaminant in graphene derivatives with significant impact on device performance. <i>Nature Communications</i> , 2018, 9, 5070.	12.8	42
60	Porous NaTi ₂ (PO ₄) ₃ Nanocubes Anchored on Porous Carbon Nanosheets for High Performance Sodium-Ion Batteries. <i>Frontiers in Chemistry</i> , 2018, 6, 396.	3.6	17
61	Tuning the structure of three dimensional nanostructured molybdenum disulfide/nitrogen-doped carbon composite for high lithium storage. <i>Electrochimica Acta</i> , 2018, 291, 197-205.	5.2	8
62	A smart cyto-compatible asymmetric polypyrrole membrane for salinity power generation. <i>Nano Energy</i> , 2018, 53, 475-482.	16.0	54
63	Engineering Surface Amine Modifiers of Ultrasmall Gold Nanoparticles Supported on Reduced Graphene Oxide for Improved Electrochemical CO ₂ Reduction. <i>Advanced Energy Materials</i> , 2018, 8, 1801400.	19.5	100
64	Vacancy-induced sodium-ion storage in N-doped carbon Nanofiber@MoS ₂ nanosheet arrays. <i>Electrochimica Acta</i> , 2018, 285, 301-308.	5.2	111
65	Insight into the Synergistic Effect on Selective Adsorption for Heavy Metal Ions by a Polypyrrole/TiO ₂ Composite. <i>Langmuir</i> , 2018, 34, 10187-10196.	3.5	45
66	Hierarchical porous PANI/MIL-101 nanocomposites based solid-state flexible supercapacitor. <i>Electrochimica Acta</i> , 2018, 281, 582-593.	5.2	74
67	A "Tandem" Strategy to Fabricate Flexible Graphene/Polypyrrole Nanofiber Film Using the Surfactant-Exfoliated Graphene for Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 22031-22041.	8.0	40
68	Fe-doped phosphorene for the nitrogen reduction reaction. <i>Journal of Materials Chemistry A</i> , 2018, 6, 13790-13796.	10.3	144
69	A nitrogen-doped three-dimensional carbon framework for high performance sodium ion batteries. <i>RSC Advances</i> , 2017, 7, 1588-1592.	3.6	20
70	A robust free-standing MoS ₂ /poly(3,4-ethylenedioxythiophene):poly(styrenesulfonate) film for supercapacitor applications. <i>Electrochimica Acta</i> , 2017, 235, 348-355.	5.2	84
71	High-performance hybrid carbon nanotube fibers for wearable energy storage. <i>Nanoscale</i> , 2017, 9, 5063-5071.	5.6	95
72	Rapid formation of self-organised Ag nanosheets with high efficiency and selectivity in CO ₂ electroreduction to CO. <i>Sustainable Energy and Fuels</i> , 2017, 1, 1023-1027.	4.9	49

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73	Self-Assembly of Flexible Free-Standing 3D Porous MoS ₂ -Reduced Graphene Oxide Structure for High-Performance Lithium-Ion Batteries. <i>Advanced Functional Materials</i> , 2017, 27, 1700234.	14.9	181
74	A Biodegradable Thin-Film Magnesium Primary Battery Using Silk Fibroin-Ionic Liquid Polymer Electrolyte. <i>ACS Energy Letters</i> , 2017, 2, 831-836.	17.4	134
75	High performance carbon-coated hollow Ni ₁₂ P ₅ nanocrystals decorated on GNS as advanced anodes for lithium and sodium storage. <i>Journal of Materials Chemistry A</i> , 2017, 5, 22316-22324.	10.3	65
76	A Cytocompatible Robust Hybrid Conducting Polymer Hydrogel for Use in a Magnesium Battery. <i>Advanced Materials</i> , 2016, 28, 9349-9355.	21.0	67
77	Effects of Carbon Content on the Electrochemical Performances of MoS ₂ -C Nanocomposites for Li-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 22168-22174.	8.0	46
78	A Free-standing Graphene-Polypyrrole Hybrid Paper via Electropolymerization with an Enhanced Areal Capacitance. <i>Electrochimica Acta</i> , 2016, 212, 561-571.	5.2	66
79	Tin nanoparticles decorated copper oxide nanowires for selective electrochemical reduction of aqueous CO ₂ to CO. <i>Journal of Materials Chemistry A</i> , 2016, 4, 10710-10718.	10.3	129
80	Boric Acid Assisted Reduction of Graphene Oxide: A Promising Material for Sodium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 18860-18866.	8.0	96
81	Toward Biodegradable Mg-Air Bioelectric Batteries Composed of Silk Fibroin-Polypyrrole Film. <i>Advanced Functional Materials</i> , 2016, 26, 1454-1462.	14.9	99
82	Superior sodium-ion storage performance of Co ₃ O ₄ @nitrogen-doped carbon: derived from a metal-organic framework. <i>Journal of Materials Chemistry A</i> , 2016, 4, 5428-5435.	10.3	159
83	Novel reversible and switchable electrolytes based on magneto-rheology. <i>Scientific Reports</i> , 2015, 5, 15663.	3.3	9
84	Reduced graphene oxide and polypyrrole/reduced graphene oxide composite coated stretchable fabric electrodes for supercapacitor application. <i>Electrochimica Acta</i> , 2015, 172, 12-19.	5.2	103
85	A facile approach for fabrication of mechanically strong graphene/polypyrrole films with large areal capacitance for supercapacitor applications. <i>RSC Advances</i> , 2015, 5, 102643-102651.	3.6	39
86	Flexible free-standing graphene paper with interconnected porous structure for energy storage. <i>Journal of Materials Chemistry A</i> , 2015, 3, 4428-4434.	10.3	55
87	A highly nitrogen-doped porous graphene as an anode material for lithium ion batteries. <i>Journal of Materials Chemistry A</i> , 2015, 3, 18229-18237.	10.3	101
88	Flexible Electrodes and Electrolytes for Energy Storage. <i>Electrochimica Acta</i> , 2015, 175, 87-95.	5.2	65
89	Sodium-difluoro(oxalato)borate (NaDFOB): a new electrolyte salt for Na-ion batteries. <i>Chemical Communications</i> , 2015, 51, 9809-9812.	4.1	61
90	Manganese dioxide-anchored three-dimensional nitrogen-doped graphene hybrid aerogels as excellent anode materials for lithium ion batteries. <i>Journal of Materials Chemistry A</i> , 2015, 3, 10403-10412.	10.3	96

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91	3D braided yarns to create electrochemical cells. <i>Electrochemistry Communications</i> , 2015, 61, 27-31.	4.7	18
92	Ammonia borane confined by nitrogen-containing carbon nanotubes: enhanced dehydrogenation properties originating from synergetic catalysis and nanoconfinement. <i>Journal of Materials Chemistry A</i> , 2015, 3, 20494-20499.	10.3	34
93	Biocompatible Ionic Liquidâ€“Biopolymer Electrolyte-Enabled Thin and Compact Magnesiumâ€“Air Batteries. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 21110-21117.	8.0	99
94	Three dimensional (3D) printed electrodes for interdigitated supercapacitors. <i>Electrochemistry Communications</i> , 2014, 41, 20-23.	4.7	179
95	Graphene cryogel papers with enhanced mechanical strength for high performance lithium battery anodes. <i>Journal of Materials Chemistry A</i> , 2014, 2, 1325-1331.	10.3	40
96	Mechanically strong high performance layered polypyrrole nano fibre/graphene film for flexible solid state supercapacitor. <i>Carbon</i> , 2014, 79, 554-562.	10.3	109
97	A novel codoping approach for enhancing the performance of polypyrrole cathode in a bioelectric battery. <i>Carbon</i> , 2014, 80, 691-697.	10.3	4
98	One-Step Synthesis of Graphene/Polypyrrole Nanofiber Composites as Cathode Material for a Biocompatible Zinc/Polymer Battery. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 16679-16686.	8.0	65
99	Polypyrrole as cathode materials for Zn-polymer battery with various biocompatible aqueous electrolytes. <i>Electrochimica Acta</i> , 2013, 95, 212-217.	5.2	35
100	Intrinsically Stretchable Supercapacitors Composed of Polypyrrole Electrodes and Highly Stretchable Gel Electrolyte. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 9008-9014.	8.0	190
101	High strain stretchable solid electrolytes. <i>Electrochemistry Communications</i> , 2013, 32, 47-50.	4.7	50
102	Polypyrrole doped with redox-active poly(2-methoxyaniline-5-sulfonic acid) for lithium secondary batteries. <i>RSC Advances</i> , 2013, 3, 5447.	3.6	27
103	Flexible cellulose based polypyrroleâ€“multiwalled carbon nanotube films for bio-compatible zinc batteries activated by simulated body fluids. <i>Journal of Materials Chemistry A</i> , 2013, 1, 14300.	10.3	29
104	Electrochemically synthesized stretchable polypyrrole/fabric electrodes for supercapacitor. <i>Electrochimica Acta</i> , 2013, 113, 17-22.	5.2	49
105	A battery composed of a polypyrrole cathode and a magnesium alloy anodeâ€“Toward a bioelectric battery. <i>Synthetic Metals</i> , 2012, 162, 584-589.	3.9	42
106	All-polymer battery system based on polypyrrole (PPy)/para (toluene sulfonic acid) (pTS) and polypyrrole (PPy)/indigo carmine (IC) free standing films. <i>Electrochimica Acta</i> , 2012, 83, 209-215.	5.2	56
107	Electrodeposition of pyrrole and 3-(4-tert-butylphenyl)thiophene copolymer for supercapacitor applications. <i>Synthetic Metals</i> , 2012, 162, 2216-2221.	3.9	36
108	Electrochemically Synthesized Polypyrrole/Graphene Composite Film for Lithium Batteries. <i>Advanced Energy Materials</i> , 2012, 2, 266-272.	19.5	155

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109	Nanobionics: the impact of nanotechnology on implantable medical bionic devices. <i>Nanoscale</i> , 2012, 4, 4327.	5.6	64
110	Electrodeposited polypyrrole (PPy)/para (toluene sulfonic acid) (pTS) free-standing film for lithium secondary battery application. <i>Electrochimica Acta</i> , 2012, 60, 201-205.	5.2	60
111	Polypyrrole coated nylon lycra fabric as stretchable electrode for supercapacitor applications. <i>Electrochimica Acta</i> , 2012, 68, 18-24.	5.2	197
112	Indigo carmine (IC) doped polypyrrole (PPy) as a free-standing polymer electrode for lithium secondary battery application. <i>Solid State Ionics</i> , 2012, 215, 29-35.	2.7	29
113	Buckled, Stretchable Polypyrrole Electrodes for Battery Applications. <i>Advanced Materials</i> , 2011, 23, 3580-3584.	21.0	211
114	Functionalised polyterthiophenes as anode materials in polymer/polymer batteries. <i>Synthetic Metals</i> , 2010, 160, 76-82.	3.9	51
115	Organic bionics. , 2010, , .		1
116	Nanoelectrodes: energy conversion and storage. <i>Materials Today</i> , 2009, 12, 20-27.	14.2	61
117	Ionic liquid as electrolyte in a self-powered controlled release system. <i>Sensors and Actuators B: Chemical</i> , 2009, 141, 452-457.	7.8	8
118	Electrochemical Properties of Graphene Paper Electrodes Used in Lithium Batteries. <i>Chemistry of Materials</i> , 2009, 21, 2604-2606.	6.7	546
119	Direct Growth of Flexible Carbon Nanotube Electrodes. <i>Advanced Materials</i> , 2008, 20, 566-570.	21.0	168
120	A galvanic cell driven controlled release system based on conducting polymers. <i>Sensors and Actuators B: Chemical</i> , 2008, 129, 605-611.	7.8	12
121	Polyaniline and polyaniline-carbon nanotube composite fibres as battery materials in ionic liquid electrolyte. <i>Journal of Power Sources</i> , 2007, 163, 1105-1109.	7.8	108
122	Novel fullerene-functionalised poly(terthiophenes). <i>Journal of Electroanalytical Chemistry</i> , 2007, 599, 79-84.	3.8	16
123	Functionalized polythiophene-coated textile: A new anode material for a flexible battery. <i>Journal of Power Sources</i> , 2006, 156, 610-614.	7.8	64
124	Lithium-Polymer battery based on polybithiophene as cathode material. <i>Journal of Power Sources</i> , 2006, 159, 708-711.	7.8	20
125	Highly-flexible fibre battery incorporating polypyrrole cathode and carbon nanotubes anode. <i>Journal of Power Sources</i> , 2006, 161, 1458-1462.	7.8	52
126	Potential Application of Solid Electrolyte P11 OH in Ni/MH Batteries. <i>Synthetic Metals</i> , 2005, 152, 57-60.	3.9	9

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127	Electrochemical synthesis of polypyrrole films using stainless steel mesh as substrate for battery application. <i>Synthetic Metals</i> , 2005, 153, 117-120.	3.9	24
128	A novel cureless pure lead oxide plate for valve-regulated lead-acid batteries. <i>Journal of Applied Electrochemistry</i> , 2004, 34, 1127-1133.	2.9	0
129	Fabrication and Properties of Spray-Dried Nanofeatured Spherical Ni(OH) ₂ Materials. <i>Journal of Nanoscience and Nanotechnology</i> , 2002, 2, 675-678.	0.9	3
130	A new process for fabrication of metal-hydride electrodes for nickel-metal hydride batteries. <i>Journal of Alloys and Compounds</i> , 2002, 330-332, 760-765.	5.5	6
131	Ni/Al/Co-substituted γ -Ni(OH) ₂ as electrode materials in the nickel metal hydride cell. <i>Journal of Alloys and Compounds</i> , 2002, 330-332, 802-805.	5.5	31
132	Structural study of Al-substituted nickel hydroxide. <i>Solid State Ionics</i> , 2002, 148, 503-508.	2.7	38
133	Surface modification of Mg ₂ Ni alloy in an acid solution of copper sulfate and sulfuric acid. <i>Journal of Alloys and Compounds</i> , 1999, 285, 267-271.	5.5	32